

Title (en)

LIQUID CRYSTAL DISPLAY DEVICE AND METHOD FOR MANUFACTURING A NUMBER OF LIQUID CRYSTAL DISPLAY DEVICES

Title (de)

FLÜSSIGKRISTALL-ANZEIGEVORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINER ANZAHL VON FLÜSSIGKRISTALL-ANZEIGEVORRICHTUNGEN

Title (fr)

ECRAN A CRISTAUX LIQUIDES ET PROCEDE DE FABRICATION

Publication

EP 0692104 B1 20011004 (EN)

Application

EP 95902913 A 19941223

Priority

- EP 95902913 A 19941223
- EP 94200001 A 19940101
- IB 9400442 W 19941223

Abstract (en)

[origin: WO9519587A1] A liquid crystal display device (LCD) comprises two supporting plates (1, 2) which are interconnected by means of a sealing edge (3) and enclose a layer of liquid crystalline material (4). Inter alia, for an improved support upon scratching and breaking of the device, the sealing edge (3) is circumferentially provided with protrusions (3A-3D) which extend from the sealing edge (3) substantially to the edge (11) of at least one of the two supporting plates (1, 2).

IPC 1-7

G02F 1/1339

IPC 8 full level

G02F 1/13 (2006.01); **G02F 1/1333** (2006.01); **G02F 1/1339** (2006.01); **G02F 1/1343** (2006.01); **G02F 1/1345** (2006.01)

CPC (source: EP KR US)

G02F 1/133351 (2013.01 - EP US); **G02F 1/1339** (2013.01 - EP KR US); **G02F 1/1345** (2013.01 - EP US); **G02F 1/13456** (2021.01 - EP US)

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

WO 9519587 A1 19950720; DE 69428528 D1 20011108; DE 69428528 T2 20020411; EP 0692104 A1 19960117; EP 0692104 B1 20011004; HK 1013337 A1 19990820; JP H08507622 A 19960813; KR 100356973 B1 20030124; KR 960701385 A 19960224; US 5706069 A 19980106

DOCDB simple family (application)

IB 9400442 W 19941223; DE 69428528 T 19941223; EP 95902913 A 19941223; HK 98114627 A 19981222; JP 51893295 A 19941223; KR 19950703768 A 19950901; US 78155397 A 19970109